

Title (en)
Webbing retractor

Title (de)
Gurtaufroller

Title (fr)
Enrouleur de ceinture

Publication
EP 1388468 A1 20040211 (EN)

Application
EP 03400042 A 20030811

Priority
JP 2002233936 A 20020809

Abstract (en)
A webbing retractor includes a take-up shaft (16), an inertia plate (52) provided integrally and coaxially with the take-up shaft (16), and an inertial force imparting mechanism (90). When a webbing for restraining a vehicle occupant is suddenly pulled-out, the take-up shaft (16) takes-up the webbing, and the inertia plate (52) causes a rotational delay with respect to the take-up shaft, and rotation of the take-up shaft in a webbing pull-out direction is thereby locked. Further, the inertial force imparting mechanism (90) that suppresses and deters rotation of the inertia plate (52) in a webbing take-up rotation direction by the inertial force imparting mechanism applying inertial force in a webbing pull-out rotation direction to the inertia plate (52) which attempts to rotate in a webbing take-up direction even after rotation of the take-up shaft in the webbing take-up rotation direction has stopped when a vehicle occupant cancels an applied state of the webbing and the entire webbing is taken-up. <IMAGE>

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B60R 22/405

IPC 8 full level
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B60R 22/34 (2013.01 - KR); **B60R 22/405** (2013.01 - EP US); **B60R 22/38** (2013.01 - EP US); **B60R 2022/3419** (2013.01 - EP US)

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